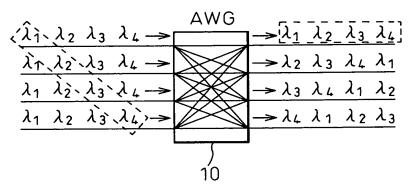
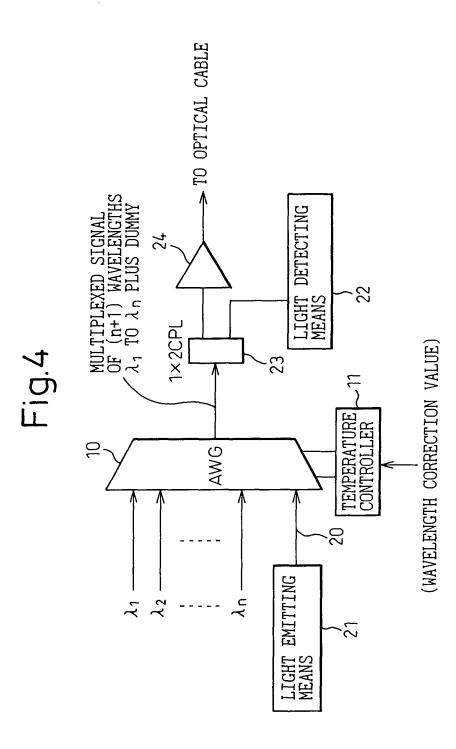


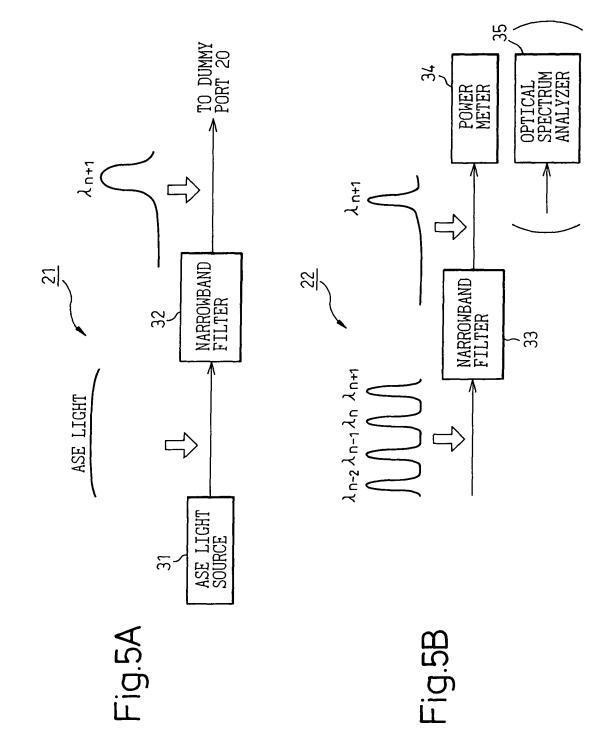
Fig.2



INPUT/OUTPUT WAVEGUIDE

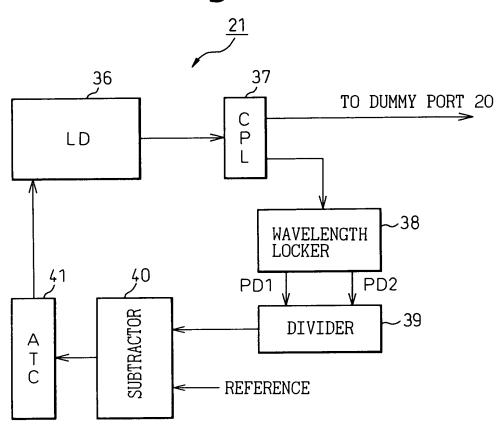
\[\lambda_1 \cdots \lambda_N \\ \lambda_1 \\ \lambda_2 \\ \lambda_3 \\ \lambda_4 \\ \lambda_5 \\ \lambda_4 \\ \lambda_5 \\

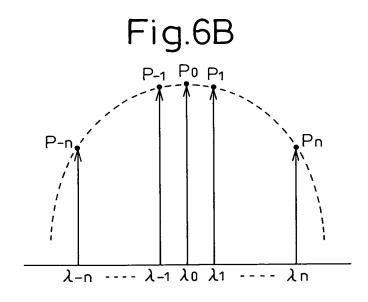


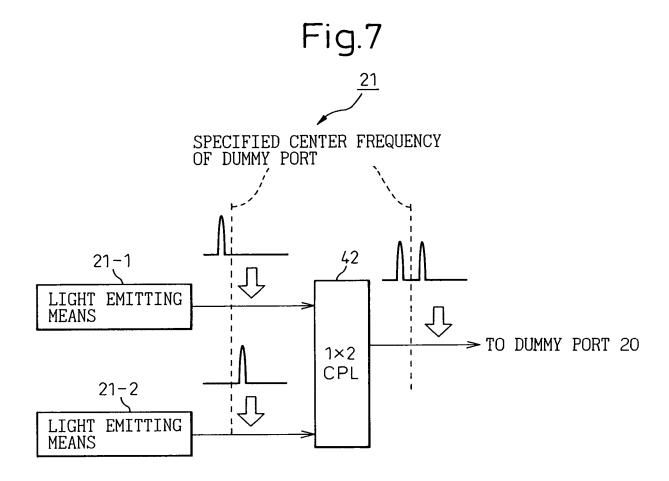


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Fig.6A







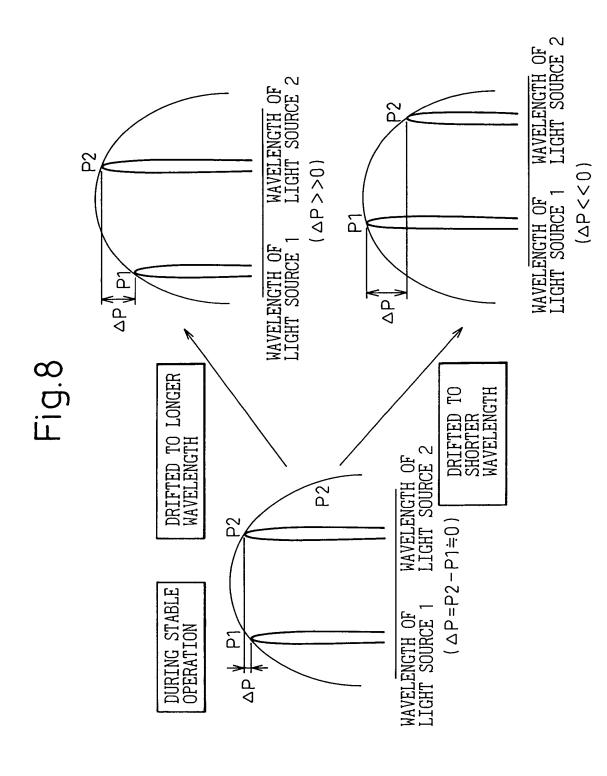
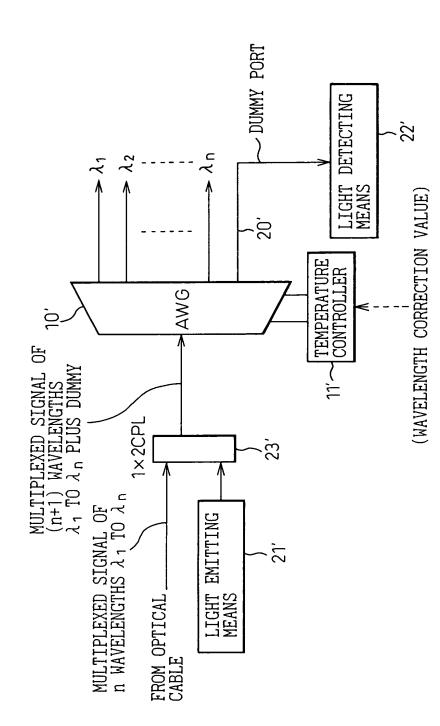


Fig.9





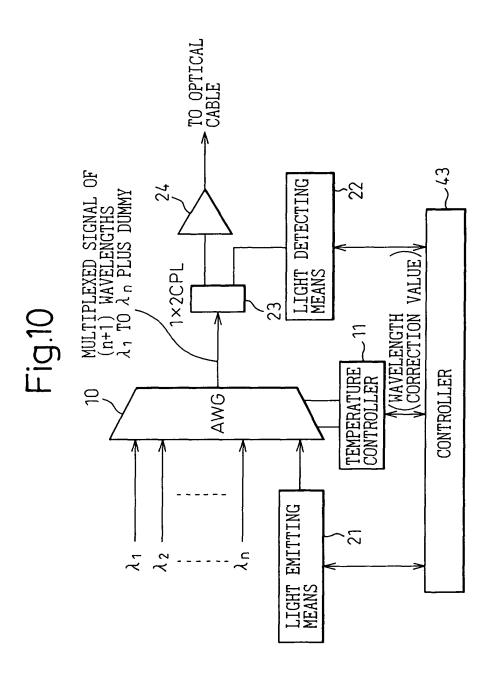


Fig.11

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	WAVELENGTH FLUCTUATION	REFERENCE VOLTAGE SETTING	WRITE TO D/A
1	—10pm	+350mV	DAh
2	— 8 pm	+280m V	C 8 h
3	— 6 pm	+210mV	B 6 h
4	— 4 pm	+ 140m V	A 4 h
5	— 2 pm	+ 70m V	92 h
6	± 0 pm	± 0	80 h
7	2 pm	— 70m V	6 E h
8	4 pm	— 140m V	5 Ch
9	6 pm	—210m V	4 A h
10	8 pm	— 280m V	38 h
11	10pm	−350mV	26 h

